

Top Secret



DIRECTORATE OF
INTELLIGENCE

Imagery Analysis Staff Notes

9 June 1967

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TCS 4640/67
COPY 58
PAGES 9

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This publication highlights significant or timely intelligence items derived from imagery.

The interpretations in this publication represent preliminary views which are subject to modification in the light of further information and more complete analysis.

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CHINA

Hainan Island Cruise Missile Launch Sites

Two cruise missile launch sites, one probable and one suspect, have been identified on the south coast of Hainan Island on KEYHOLE photography of [REDACTED]. The probable site is located at 18-18N 104-11E, approximately 5 nautical miles (nm) south-southeast of Yai-hsien. The suspect site is located at 18-11N 109-28E, 3.3 nm south-west of Yu-lin and 18 nm southeast of the Yai-hsien site. Both are being constructed over former coastal defense artillery positions.

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The Yai-hsien site (Figure 3a) is newly identified and consists of two diamond-shaped probable launch positions similar in appearance to those at Nampo Sites 1 and 2 in North Korea. It also contains a probable guidance area, a support area with approximately seven buildings, and a probable missile handling bunker 0.3 nm east of the support area. The site can be negated in [REDACTED] and was first seen in [REDACTED].

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The Yu-lin site (Figure 3b) is currently targeted as the Yu-lin Coastal Defense and Radar Site. However, analysis of the facility reveals some similarities between it and known cruise missile sites. The major of these is a tunnel entrance on the opposite side of the hill from the four seaward-facing suspect launch positions. Such tunnels are present at the Yen-tai site in China and Nampo Site 1 in North Korea; their presence at these sites is to provide protected access to the launch area. The possibility that this site has four launch positions instead of the two normally found at Chinese sites may indicate a new configuration of two pairs of launch positions, perhaps made necessary by terrain and engineering problems. With the archways over the tunnel entrances at the four suspect launch positions apparently completed, the heavy construction and tunneling activity of the past three years may be nearing completion.

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CHINA

Nagchu Dzong (Hei-ho) IRBM Search

A search of good quality KH-4 photography of [REDACTED]

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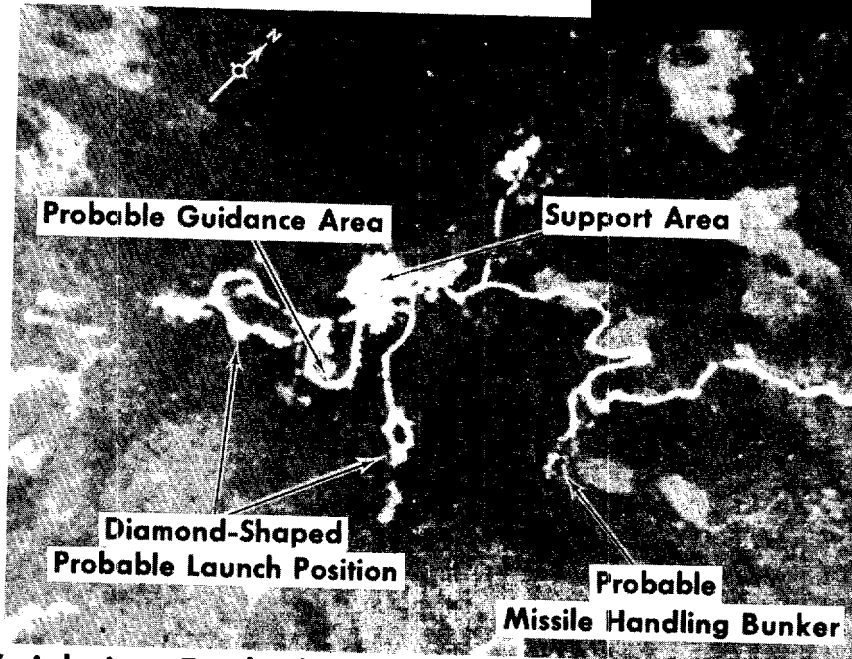
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FIGURE 3a

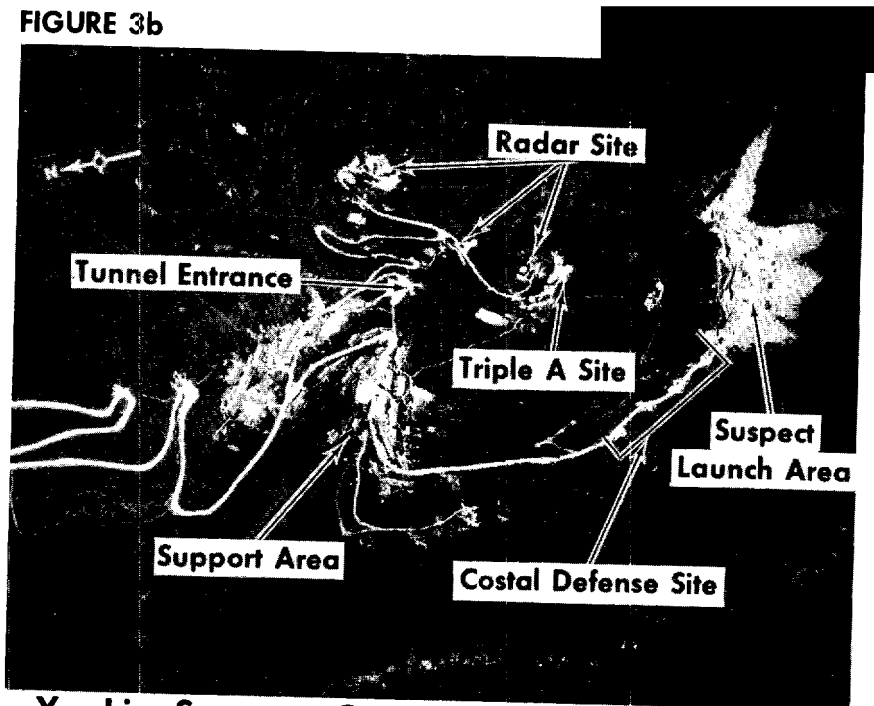
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Yai-hsien Probable Cruise Missile Launch Site,
Hainan Island, China

FIGURE 3b

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Yu-Lin Suspect Cruise Missile Launch Site
Hainan Island, China

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25X1D 92-03E) area of western China. This search was made because of persistent reports of an IRBM site under construction in the area since IAS last negated it on good quality KH-4 photography of [REDACTED] (see IAS PI Notes, [REDACTED]) 25X1D

25X1D This latest search covered an area 150 nautical miles (nm) north, 75 nm south and approximately 50 nm east and west of Nagchu Dzong Airfield. Several small possible military storage buildings have been built in the town of Nagchu Dzong since [REDACTED] [REDACTED] 25X1A

NORTH VIETNAM

Possible Removal of Transformers from the Thai Nguyen Iron and Steel Combine

25X1D Analysis of [REDACTED] photography [REDACTED] indicates that the transformers may have been removed from the revetted electrical substation at the Thai Nguyen Iron and Steel Combine (21-33N 105-52E). Although the absence of the transformers cannot be definitely determined from the imagery, a portion of the west revetment and wall surrounding the substation and part of the transformer revetment have been removed to provide vehicle access to the two transformer sheds (Figures 4a and b). [REDACTED] 25X1A

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1. PIR 71022, TCS 1846/67, SA-3 Assembly Facilities, USSR (Top Secret Ruff).
2. PIR 77142, Ha Tou Naval Support Facility, Ha Tou, North Vietnam (Confidential).

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FIGURE 4a

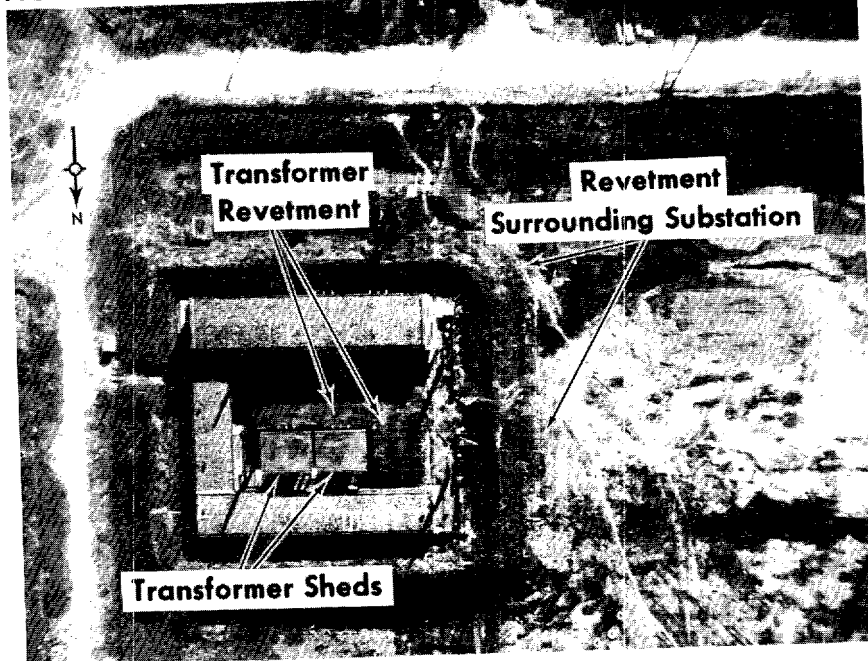



FIGURE 4b



Electrical Substation, Thai Nguyen Iron
and Steel Combine, North Vietnam.

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